ELSEVIER

Wave Motion 32 (2000) 389–390

WAVE MOTION

www.elsevier.com/locate/wavemoti

Contents of Volume 32

Vol. 32, No. 1

S. Rikte
Theory of inversion of dispersive bi-isotropic slab parameters using TEM pulses 1
S. Rikte, I. Åberg
One-way wave operators for nonstationary dielectrics 25
M. Idemen
Confluent edge conditions for the electromagnetic wave at the edge of a wedge bounded by material sheets 37
G. Pelekanos, R.E. Kleinman, P.M. van den Berg
Inverse scattering in elasticity—a modified gradient approach 57
L. Amundsen, L.T. Ikelle, J. Martin
Multiple attenuation and P/S splitting of multicomponent OBC data at a heterogeneous sea floor 67
G. Pedersen
An optical theory for discrete media 79

Vol. 32, No. 2

H.-H. Dai, S. Dai, Yi Huo
Head-on collision between two solitary waves in a compressible Mooney–Rivlin elastic rod 93
A. Sáez, J. Domínguez
Far field dynamic Green's functions for BEM in transversely isotropic solids 113
T.C.T. Ting
A new modified Lekhnitskii formalism *à la* Stroh for steady-state waves in anisotropic elastic materials 125
M. Dravinski, T. Zheng
Numerical evaluation of three-dimensional time-harmonic Green's functions for a nonisotropic full-space 141
J. Miles
A note on surface-wave scattering by a small plate 153
S. Przeździecki
Half-plane diffraction in a chiral medium 157

Vol. 32, No. 3

J.R. Willis
Obituary: Professor David George Crighton, 1942–2000 201
S. Kim
Wavefronts of linear elastic waves: local convexity and modeling 203
D. Sjöberg
Simple wave solutions for the Maxwell equations in bianisotropic, nonlinear media, with application to oblique incidence 217
F. Coulouvrat
Focusing of weak acoustic shock waves at a caustic cusp 233

(Continued overleaf)

M.G. Brown
The Maslov integral representation of slowly varying dispersive wavetrains in inhomogeneous moving media 247
C.C. Stolk
Microlocal analysis of a seismic linearized inverse problem 267

Vol. 32, No. 4

M. Romeo
A wave splitting approach to thermoelastic pulses in anisotropic media 291
D. Dommermuth
The initialization of nonlinear waves using an adjustment scheme 307
G. Dassios, M. Hadjinicolaou and G. Kamvyssas
The penetrable coated sphere embedded in a point source excitation field 319
K.A. Belibassakis
The Green's function of the mild-slope equation: The case of a monotonic bed profile 339
R.H. Tew, S.J. Chapman, J.R. King, J.R. Ockendon, B.J. Smith, I. Zafarullah
Scalar wave diffraction by tangent rays 363
L. Kazandjian
On the energy constraint and angular-spectrum representations 381
J.A. DeSanto and P.A. Martin
Corrigendum to "On angular-spectrum representations for scattering by infinite rough surfaces" [Wave Motion 24 (1996) 421–433] 385